

Public Health Reports.

(Formerly "Abstract of Sanitary Reports.")

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No. 21.

UNITED STATES.

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]

Two new cases of smallpox in Pensacola, Fla.

PENSACOLA, FLA., May 12, 1896.

SIR: I have the honor to inform you that Dr. R. W. Hargis, special physician of the board of health, under date of May 7 and 8, reports 2 more cases of smallpox.

Respectfully yours,

J. WHITING HARGIS,
Acting Assistant Surgeon, U. S. M. H. S.

Two cases of smallpox in Mobile County, Ala.

MOBILE, ALA., May 11, 1896.

SIR: I have the honor to report the occurrence of another case of smallpox in this city, in a colored man, who came here from Biloxi on May 2; took sick May 6, and was discovered by the city health officer on the 10th; sent to the pesthouse yesterday. This case makes 5 discovered in this city, of which 1 has died. One other case was discovered in the county, which proved fatal. Thus, for Mobile and Mobile County, 6 cases (all colored males)—2 died, 3 recovered, and 1 remains under treatment. The train inspection against New Orleans and the west at Scranton is kept up. The health officer agrees that it is not necessary to continue the vaccination of crews of Mobile vessels.

I am, very respectfully, your obedient servant,

R. D. MURRAY,
Surgeon, U. S. M. H. S.

Report on the completion of vaccination of river boatmen at Mobile, Ala.

MOBILE, ALA., May 12, 1896.

SIR: I have the honor to submit the following report of the vaccination of crews of river boats plying from this port: The crews of these boats are shipped each week for one trip, before the United States shipping commissioner. This work is done in the morning about 9 o'clock, and the crew scatters, not to return till near the hour of sailing, 6 p. m.

Owing to considerable opposition on the part of the captains and the crews the vaccination was necessarily performed just before the men were signed, notice having been given that no unvaccinated person, unless rendered immune by a previous attack of smallpox, would be allowed to ship. The crew is usually reshipped, with few exceptions, and after one complete vaccination two or three extras were all that required attention.

The inclosed tabulated report shows the number vaccinated on each boat on the day of sailing, together with totals. The number (fifty-nine) falls far short of my estimate, because the individual opposition was not taken into account. It has been my intention to offer vaccination to all patients applying for relief at the out-patient office, and in three months 2 have accepted; and had it not been for the refusal of the shipping commissioner to ship nonimmunes, not a single roustabout at this port could have been vaccinated.

Captains of harbor boats have been advised to have their crews vaccinated, but not one has availed himself of the opportunity.

The indications are that the danger of an epidemic in this city is now passed, and the health officer concurs in the opinion that it is safe to discontinue the vaccination of crews of river boats.

Very respectfully submitted, E. K. SPRAGUE,
Assistant Surgeon, U. S. M. H. S.

Vaccinations on river boats, port of Mobile, Ala., April and May, 1896.

Name of vessel.	Apr. 14.	Apr. 18.	Apr. 21.	Apr. 25.	Apr. 28.	Apr. 29.	May 2.	Totals.
Nettie Quill.			10			2		12
Hattie B. Moore	3		12		1			16
Linsie Moore				10			2	12
D. L. Tally		14		3			2	19
Total	3	14	22	13	1	2	4	56

Report on the completion of vaccination of river boatmen at New Orleans, La.

NEW ORLEANS, La., May 13, 1896.

SIR : I have the honor to report that the inspection and vaccination of crews of Mississippi River steamboats, authorized by your letter of March 17, has been completed, and the services of the two sanitary inspectors temporarily employed to perform the duty discontinued, one on the 6th and the other on the 11th. This inspection became necessary on account of the rapid spread of smallpox in the city during the month of March, mainly due to the influx of cases from the surrounding parishes. The levee and cross-tie camps near the different steamboat landings on the Mississippi and its tributaries also became infected, thus making it practicable to convey persons sick with the disease from one port to another by river steamers, and, as cases were found occasionally among the deck passengers some alarm was felt among health officials, notably those at Shreveport, who refused to allow boats from New Orleans to land at that port until satisfied that all hands on board had been vaccinated. With a view to securing vaccinated crews for all outgoing steamers, a circular letter was addressed to the representatives of steamboat lines recommending that an order be issued prohibiting the employment of roustabouts unless they produced certificates showing that they were immune to the disease.

Accordingly, by direction of the Steamboat Captains' and Owners' Exchange, instructions were issued as recommended.

This action simplified the work, and, with the aid given by the harbor police on the levee in keeping the men in order, the inspectors experienced no difficulty in performing their duties.

Number of steamboats inspected, 26; number of times inspected, 133; number of vaccinations, 1,410; number of certificates issued, including those given to persons protected by previous vaccinations (estimated), 3,000.

According to the PUBLIC HEALTH REPORTS of the Service of May 8, 1896, smallpox exists in 12 States, and it has prevailed more or less extensively here for over a year past, but with the river steamboats manned with vaccinated crews, warm weather, and the prospect of the board of health securing adequate financial aid from the new city council, it is believed that smallpox will soon be under control, and the general sanitary condition of the city greatly improved.

Very respectfully,

HENRY W. SAWTELLE,
Surgeon, U. S. M. H. S.

Arrival of ship Mozambique at New York Quarantine—Ten cases of yellow fever en route.

QUARANTINE, STATEN ISLAND, May 18, 1896.

SIR: I transmit the following information regarding the ship *Mozambique*, which arrived at this port on May 16. The said vessel reached Rio de Janeiro on February 15, from Hull, England. No sickness occurred until March 19; a sailor on that day was taken ashore with yellow fever; he had two or three days previously visited the city, and it is supposed that the disease was contracted at that time. Between the above date (March 19) and March 25 four other cases of yellow fever were removed from the ship to the city hospital. It is reported that the ship was then disinfected and allowed to leave for this port on March 28. On the following day, March 29, the disease again appeared and other cases followed until April 11. During this period 10 were ill with yellow fever, of whom 5 died and were buried at sea. One of the convalescents committed suicide on May 14. He had during his convalescence shown considerable evidence of cerebral trouble, although he had reported for duty.

The ship has been thoroughly disinfected and will be released on Thursday, May 21, provided all are well on board at that time. The above facts will appear in my report to you on next Thursday. I send the above, as you may desire the information sooner.

Respectfully,

A. H. DOTY,
Health Officer, Port of New York.

Quarantine proclamation by the Governor of Texas.

Be it known that I, Charles A. Culberson, governor of the State of Texas, by authority invested in me by the laws of this State, do hereby declare that quarantine shall be established on the Gulf Coast and Rio Grande border on and after May 1, 1896, and that it shall continue until closed by proclamation.

Said quarantine shall apply to all vessels, persons, or things coming from places infected by yellow fever, smallpox, or cholera, and all places south of 25 degrees north latitude shall be considered infected unless proof to the contrary be submitted to the State health officer, and special exemption be granted to said places; and persons from such places are prohibited from entering this State within a period of ten days.

I further declare quarantine against any person or persons infected or liable to be infected with yellow fever, smallpox, or cholera, either within or without the State, and direct the quarantine officers of the State, and health officers of counties and towns, to establish local quarantines around any and all such persons whenever discovered. The coast quarantine stations shall be governed by the following rules:

Rule 1. Every vessel arriving at any port in this State must halt for inspection at some point designated by the local quarantine officer, and no person shall board the vessel until after inspection, and then only when permission to do so is given by the quarantine officer, and all orders made and requirements imposed upon said vessels must be promptly obeyed by both officers, crew, and passengers.

Rule 2. Vessels from an infected place having had no sickness of an infectious kind en route, shall be detained and subjected to daily processes of purification, such as shifting cargo, fumigating, ventilating, pumping out bilge water, and freely using disinfectants, for five consecutive days before being permitted to land either passengers, crew, or cargo, and a longer period, if in the judgment of the quarantine officer it is necessary to insure perfect safety.

Rule 3. Vessels from infected ports laden with such articles as can not possibly be carriers of infection, and vessels coming empty from infected places, may be admitted after complying with above conditions, and such other rules as may be prescribed by the State health officer.

RULE 4. Every vessel engaged in the fruit business with interdicted places must conform to the rules prescribed by the conference of Gulf State health officers at New Orleans, February 2, 1894, and evidence of such compliance must be submitted to the State health officer before a special permit will be granted.

Local boards of health, civil and military authorities, and citizens of Texas are solicited to assist the quarantine officers in the execution of the above rules, and are earnestly requested to notify the governor of any dereliction of duty by officers or employees, or any other facts that will give greater efficiency to the quarantine service.

In testimony whereof I hereunto sign my name and have caused the seal of State to be affixed, at the city of Austin, this fourteenth day of March, A. D. 1896.

C. A. CULBERSON,
Governor of Texas.

By the Governor:

ALLISON MAYFIELD,
Secretary of State.

Report of immigration at Boston for the week ended May 16, 1896.

**OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, May 16, 1896.**

Number of alien immigrants who arrived at this port during the week ended May 16, 1896; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants from Russia.	No. of immigrants.
1896				
May 10	Steamship Yarmouth.....	Yarmouth.....		110
Do....	Steamship Roman.....	Liverpool.....		1
Do....	Steamship Catalonia.....	Liverpool and Queenstown	12	1,195
May 11	Steamship Halifax.....	Halifax.....		55
Do....	Steamship Barnstable.....	Kingston.....		12
May 12	Steamship Lancastrian.....	Liverpool.....		1
May 13	Steamship Boston.....	Yarmouth.....		47
Do....	Steamship Cambroman.....	Liverpool.....		1
Do....	Schooner Dominion.....	do.....		1
May 14	Schooner Emma E. Potter.....	Clemensport.....		1
Do....	Steamship Pro Patria.....	St. Pierre		8
Do....	Steamship Yarmouth.....	Yarmouth		87
Do....	Schooner Princess.....	Port Gilbert.....		1
Do....	Schooner Canita.....	Port Medway.....		7
	Total.....		12	1,527

THOMAS F. DELHANTY,
Commissioner of Immigration.

Report of immigration at New York for the week ended May 16, 1896.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of New York, May 18, 1896.

Number of alien immigrants who arrived at this port during the week ended May 16, 1896; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants from Russia.	No. of immigrants.
1896.				
May 10	Steamship Sorrento.....	Hamburg.....	289	450
Do....	Steamship Wordsworth.....	Rio de Janeiro.....	.....	21
Do....	Steamship La Touraine.....	Havre.....	3	501
Do....	Steamship Etruria.....	Liverpool and Queenstown.....	1	723
May 11	Steamship Spaarndam.....	Rotterdam.....	86	827
Do....	Steamship Alsatia.....	Naples, etc.....	.....	951
Do....	Steamship Furnessia.....	Glasgow.....	12	396
Do....	Steamship Kaiser Wilhelm II.....	Genoa.....	.....	895
May 12	Steamship Saale.....	Bremen.....	79	409
Do....	Steamship Friesland.....	Antwerp.....	54	676
Do....	Steamship State of California.....	Glasgow.....	2	77
May 13	Steamship Dresden.....	Bremen.....	614	1,020
Do....	Steamship Teutonic.....	Liverpool and Queenstown.....	.....	914
May 14	Steamship Havel.....	Bremen.....	5	376
May 15	Steamship California.....	Hamburg.....	170	232
Do....	Steamship Island.....	Copenhagen, etc.....	.....	350
May 16	Steamship Venetia.....	Stettin.....	1	89
Do....	Steamship Augusta Victoria.....	Hamburg.....	26	164
Do....	Steamship St. Paul.....	Southampton.....	9	368
Do....	Steamship Campania.....	Liverpool and Queenstown.....	1	741
	Total.....		1,352	9,900

Dr. J. H. SENNER,
Commissioner of Immigration.

Report of immigration at Philadelphia for the week ended May 16, 1896.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Philadelphia, May 16, 1896.

Number of alien immigrants who arrived at this port during the week ended May 16, 1896; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants from Russia.	No. of immigrants.
1896.				
May 10	Steamship Waesland.....	Liverpool and Queenstown.....	19	471
May 11	Steamship City of Kingston.....	Jamaica.....	.....	1
May 14	Steamship Lord Erne.....	London and Swansea.....	.....	3
	Total.....		19	475

JNO. J. S. RODGERS,
Commissioner of Immigration.

Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 26, 1895, to May 21, 1896.

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Mobile County.....	Mar. 11-Mar. 13.....	2	.....
	Mar. 28-May 6.....	4	.....
Arizona:				
Hirshaw.....	Feb. 17.....	10	.....
Nogales.....	Jan. 6-Feb. 3.....	3	.....
Arkansas:				
Crittenden County.....	Jan. 19.....	24	5	
Faulkner County.....	Jan. 4-Feb. 8.....	27	4	
Monroe County.....	To Feb. 8.....	43	.....
Jacksonport.....	Mar. 17.....	4	.....
Lee County.....	To Feb. 8.....	12	3	
St. Francis County.....	.....do.....	16	6	
Pulaski County.....	.....do.....	4	.....
Widener.....	Jan. 4.....	1	.....
Surrounded Hill.....	.....do.....	1	.....
Fort Smith.....	Mar. 28-Apr. 4.....	1	1	
Connecticut:				
Middletown.....	Feb. 11.....	1	.....
New Haven.....	Feb. 8.....	1	.....
Florida:				
Pensacola.....	Mar. 18-May 4.....	10	2	
	May 2-May 9.....	2	.....
Illinois:				
Cairo.....	Jan. 14-Feb. 15.....	15	2	
Du Quoin, Perry County.....	Feb. 24.....	8	.....
Indiana:				
Seymour.....	Jan. 29.....	1	.....
Kansas:				
Leavenworth.....	Mar. 28-Apr. 4.....	2	.....
Kentucky:				
Louisville.....	Mar. 9-Apr. 4.....	2	.....
Paducah.....	Mar. 24-Mar. 31.....	1	.....
	Apr. 9.....	1	.....
	Apr. 21-Apr. 31.....	4	2	
Louisiana:				
New Orleans.....	Dec. 21-Dec. 28.....	10	2	
	Dec. 28-Jan. 25.....	26	.....
	Jan. 25-Feb. 29.....	36	13	
	Feb. 22-Feb. 29.....	53	2	
	Feb. 29-Mar. 31.....	334	83	
	Mar. 28-May 2.....	286	104	
	Apr. 30-May 7.....	29	7	
Shreveport.....	Feb. 26-Mar. 20.....	16	1	
	Mar. 21-Mar. 28.....	1	.....
	Mar. 28-Apr. 4.....	16	2	
Maryland:				
Baltimore.....	Mar. 7-Mar. 14.....	1	.....
Michigan:				
Detroit.....	Dec. 14-Dec. 21.....	.....		Smallpox reported.
	Dec. 21-Dec. 28.....	3	1	
	Dec. 28-Feb. 15.....	8	2	
	Feb. 22-Feb. 29.....	3	3	
	Mar. 1-Mar. 21.....	2	1	
Bay City.....	Mar. 7-May 2.....	.....		Smallpox reported.
Imlay Township.....	Feb. 7-Mar. 21.....	.....		Do.
Ionin Township.....	Feb. 7-May 9.....	.....		Do.
Greenbush Township.....	Feb. 15-Feb. 22.....	.....		Do.
Rochester.....	Dec. 14-Dec. 21.....	.....		Do.
Saginaw.....	Feb. 1-Mar. 21.....	.....		Do.
Marine City.....	Mar. 7-Apr. 18.....	.....		Do.
Riga Township.....	Feb. 1-Feb. 29.....	.....		Do.
Missouri:				
Birds Point.....	Jan. 14.....	.....	
St. Louis.....	Jan. 21.....	1	.....
	Mar. 7-Mar. 11.....	1	.....
Lone Jack.....	Mar. 11.....	2	.....
New Madrid County.....	.....do.....	37	8	
Nevada.....	.....do.....	1	.....
Pleasant Hills.....	.....do.....	33	4	
New Jersey:				
Newark.....	Jan. 1-Jan. 31.....	.....	1	
New York:				
Brooklyn.....	.....do.....	2	1	
New York.....	May 2-May 9.....	1	1	
Rye.....	Feb. 1-Feb. 29.....	1	1	
Ohio:				
Dayton.....	Feb. 27-Mar. 12.....	.....	4	
	Mar. 19-Mar. 26.....	4	.....
	Apr. 16-Apr. 30.....	2	.....
Martins Ferry.....	Dec. 1-Dec. 30.....	71	3	

Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 26, 1895, to May 21, 1896—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Pennsylvania:				
Knoxville.....	Dec. 17.....	1		
Finleyville.....	Feb. 11.....	1		
Gilberton.....	Feb. 13.....	1		
Priceville	Feb. 20-Apr. 15.....	1		
Maltby	Feb. 17-Apr. 15.....	3		
Tennessee:				
Fayette County	Jan. 1-Jan. 31.....	1		
	Feb. 1-Feb. 29.....	3	1	
Obion County.....	Jan. 1-Jan. 31.....	2		
	Feb. 1-Feb. 29.....	3		
Memphis.....	Dec. 15-Dec. 31.....	17		
	Jan. 1-Jan. 31.....	21		
	Feb. 1-Feb. 29.....	19		
	Mar. 1-Mar. 31.....	19		
	Mar. 28-Apr. 11.....	7		
	Apr. 1-Apr. 30.....	6		
	May 2-May 16.....	3		
Shelby County.....	Dec. 15-Dec. 31.....	9		
	Jan. 1-Jan. 31.....	35		
	Feb. 1-Feb. 29.....	58	5	
	Apr. 1-Apr. 30.....	11	3	
Alamo	Dec. 15-Dec. 31.....	6		
Tipton County.....	Feb. 1-Feb. 29.....	27		
	Apr. 1-Apr. 30.....	3		
Texas:				
Center.....	Mar. 13.....	1		
Orange.....	Mar. 18.....	1		
El Paso.....	Mar. 4.....	1		
Galveston.....	Apr. 10-Apr. 28.....	2		
Houston.....	Feb. 1-Feb. 8.....	1		
Sherman.....	Apr. 2.....	1		
Smith County.....	do	10	1	
Stephenville.....	Mar. 10.....	1		
Washington:				
Seattle.....	Apr. 25-May 2.....	1		
Wisconsin:				
Mukwonago.....	Feb. 6	1		
Waukesha	Feb. 6-Mar. 10.....	4		
Wausau	Dec. 28	1		

Vessels arriving at, departing from, and remaining at United States quarantine stations.

BRUNSWICK QUARANTINE.

Week ended May 16, 1896.

Name of vessel.	Date of arrival.	Where from.	Destina-tion.	Treatment of vessel and cargo.	Date of dep'ture.
Ger. bk. Hans*	Apr. 30	Rio Grande do Sul.	Brunswick.	Disinfected	May 11

* Previously reported.

CAPE CHARLES QUARANTINE.

Week ended May 16, 1896.

Three vessels inspected and passed.

DELAWARE BREAKWATER QUARANTINE.

Week ended May 16, 1896.

Thirteen vessels inspected and passed.

GULF QUARANTINE.

Week ended May 16, 1896.

Name of vessel.	Date of arrival.	Where from.	Destina- tion.	Treatment of vessel and cargo.	Date of dep'ture.
Brit. ship Corsair.....	May 5	Rio de Janeiro.	Ship Island.	Disinfected and held for observation.	.....

Four vessels inspected and passed.

PORT TOWNSEND QUARANTINE.

Week ended May 9, 1896.

Name of vessel.	Date of arrival.	Where from.	Destina- tion.	Treatment of vessel and cargo.	Date of dep'ture.
Am. str. Kingston.....	May 6	Victoria	Tacoma	Two pieces of baggage disinfected.	May 6
Am. str. Signal.....	May 8	Vancouver..	Seattle.....	Twenty-nine pieces of baggage disinfected.	May 8

Six vessels inspected and passed.

REEDY ISLAND QUARANTINE.

Week ended May 16, 1896.

Sixteen vessels inspected and passed.

SAN DIEGO QUARANTINE.

Week ended May 9, 1896.

Two vessels inspected and passed.

SOUTHPORT QUARANTINE.

Week ended May 9, 1896.

One vessel inspected and passed.

Week ended May 16, 1896.

Three vessels inspected and passed.

Reports of States and yearly and monthly reports of cities.

CALIFORNIA.—Month of April, 1896. Reports to the State board of health from 67 cities, towns, and villages, having an aggregate population of 721,804, show a total of 991 deaths, including phthisis pulmonalis, 183; enteric fever, 17; scarlet fever, 1; diphtheria, 5; croup, 3; measles, 4, and whooping cough, 2.

Los Angeles.—Month of April, 1896. Estimated population, 100,000. Total deaths, 139, including phthisis pulmonalis, 14; enteric fever, 3; diphtheria, 1, and measles, 3.

Oakland.—Month of April, 1896. Estimated population, 60,000. Total deaths, 64, including 9 from phthisis pulmonalis.

San Francisco.—Month of April, 1896. Estimated population, 330,000. Total deaths, 497, including phthisis pulmonalis, 74; enteric fever, 5; scarlet fever, 1; diphtheria, 2, and whooping cough, 2.

CONNECTICUT.—Month of April, 1896. Reports to the State board of health from 163 towns, having an aggregate population of 809,892, show a total of 1,255 deaths, including phthisis pulmonalis, 138; enteric fever, 11; scarlet fever, 7; diphtheria and croup, 25; measles, 54, and whooping cough, 3.

ILLINOIS—*Chicago*.—Month of April, 1896. Estimated population, 1,600,000. Total deaths, 2,086, including phthisis pulmonalis, 205; enteric fever, 33; scarlet fever, 2; diphtheria and croup, 74; measles, 4, and whooping cough, 13.

La Salle.—Month of April, 1896. Estimated population, 10,750. Total deaths, 11, including 3 from phthisis pulmonalis.

MARYLAND—*Baltimore*.—Month of April, 1896. Estimated population, white, 422,368; colored, 73,747; total, 496,315. Deaths, white, 641; colored, 216; total, 857, including phthisis pulmonalis, 87; enteric fever, 11; scarlet fever, 3; diphtheria, 19; measles, 2; croup, 1, and whooping cough, 5.

MASSACHUSETTS—*Fitchburg*.—Month of April, 1896. Estimated population, 26,409. Total deaths, 36, including 7 from phthisis pulmonalis.

MICHIGAN.—Week ended May 9, 1896. Reports to the State board of health, Lansing, from 58 observers indicate that consumption increased, and pneumonia, inflammation of kidney, diarrhea, pleuritis, and influenza decreased in area of prevalence. Phthisis pulmonalis was reported present at 204 places, measles at 35, scarlet fever at 27, diphtheria at 24, enteric fever at 15, whooping cough at 13, and smallpox at 1 place—Ionia.

Grand Rapids.—Month of April, 1896. Estimated population, 90,000. Total deaths, 87, including phthisis pulmonalis, 21; enteric fever, 1; scarlet fever, 1, and croup, 1.

MINNESOTA—*Minneapolis*.—Month of April, 1896. Estimated population, 225,602. Total deaths, 141, including phthisis pulmonalis, 19; enteric fever, 4; diphtheria, 5, and measles, 3.

St. Paul.—Month of April, 1896. Estimated population, 140,292. Total deaths, 131, including phthisis pulmonalis, 21; enteric fever, 3; diphtheria, 1; croup, 1, and whooping cough, 1.

MISSOURI—*St. Louis*.—Month of April, 1896. Estimated population, 570,000. Total deaths, 887, including phthisis pulmonalis, 88; enteric fever, 4; diphtheria, 20; measles, 5; croup, 4, and whooping cough, 1.

NEBRASKA—*Omaha*.—Month of March, 1896. Estimated population, 140,452. Total deaths, 58, including phthisis pulmonalis, 10, and enteric fever, 1.

Month of April, 1896. Total deaths, 67, including 2 from phthisis pulmonalis.

NEW YORK—*Buffalo*.—Month of April, 1896. Estimated population, 335,709. Total deaths, 363, including phthisis pulmonalis, 39; enteric

fever, 4; scarlet fever, 2; diphtheria, 7; croup, 6, and whooping cough, 2.

OHIO—*Columbus*.—Month of April, 1896. Estimated population, 100,000. Total deaths, 103, including phthisis pulmonalis, 16; enteric fever, 2; diphtheria, 3; croup, 1, and whooping cough, 2.

TENNESSEE—*Memphis*.—Month of April, 1896. Estimated population, white, 28,064; colored, 27,859; total, 55,923. Deaths, white, 45; colored, 46; total, 91, including phthisis pulmonalis, 19, and whooping cough, 1.

NASHVILLE.—Month of April, 1896. Estimated population, white, 54,595; colored, 33,159; total, 87,754. Deaths, white, 71; colored, 95; total, 166, including phthisis pulmonalis, 20; enteric fever, 2; scarlet fever, 1; croup, 1; measles, 9, and whooping cough, 4.

UTAH—*Salt Lake City*.—Month of April, 1896. Estimated population, 70,000. Total deaths, 47, including phthisis pulmonalis, 1; measles, 1, and whooping cough, 1.

WISCONSIN—*Milwaukee*.—Month of April, 1896. Estimated population, 255,000. Total deaths, 322, including phthisis pulmonalis, 35; enteric fever, 5; diphtheria, 8; croup, 4, and whooping cough, 3.

PUBLICATIONS RECEIVED.

Annual Report of the Health Department, City of Richmond, Va., for the Year ending December 31, 1895.

Sanitary Code of the Board of Health of the Health Department of the City of New York. 1896.

The Sanitary Ordinances of the City of Brooklyn, N. Y., as in force December 20, 1895.

Ordinances Governing and Pertaining to the Department of Health of the City of Chicago. 1890.

Rules for the Government of the Board of Health of the City of Philadelphia, Pa. 1895.

Twenty-fourth Annual Report of the Health Department of the City of Boston, Mass., for the Year 1895.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1860.	Total deaths from all causes.	Deaths from—							
				Phthisis pul- monalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.
Allegheny, Pa.	May 16.	105,287	28	2	...	...	...	...	...	...	1
Ashtabula, Ohio	do	8,338	2	...	...	...	...	...	...	1	4
Auburn, N. Y.	May 9.	25,858	8	...	...	...	...	...	...	1	...
Baltimore, Md.	May 16.	434,439	167	21	...	...	...	...	...	1	...
Battle Creek, Mich.	May 9.	13,197	4	...	...	...	...	...	...	1	...
Binghamton, N. Y.	May 16.	35,005	9	...	...	...	...	...	...	1	...
Boston, Mass.	do	448,477	251	22	...	...	...	...	5	3	9
Braddock, Pa.	May 9.	8,561	3	...	...	...	...	...	...	1	1
Bridgeport, Conn.	May 16.	48,866	21	...	...	...	...	...	...	1	...
Bristol, Conn.	May 9.	7,382	1	...	...	...	...	...	...	...	...
Do	May 16.	7,382	2	...	...	...	...	...	...	...	...
Bristol, R. I.	do	5,478	3	...	...	...	...	...	...	...	...
Brockton, Mass.	May 9.	27,294	10	1	...	...	...	...	...	...	...
Brooklyn, N. Y.	May 16.	806,343	447	45	...	...	...	3	2	29	8
Cambridge, Mass.	do	70,028	21	3	...	...	...	...	1	...	...
Carlisle, Pa.	do	7,620	4	...	...	...	...	...	...	...	...
Charleston, S. C.	May 9.	*54,955	†38	4	...	...	...	...	6	2	6
Chicago, Ill.	do	1,099,850	435	56	...	...	...	...	6	1	9
Cincinnati, Ohio	May 16.	1,099,850	444	56	...	...	...	...	6	1	8
Columbus, Ind.	May 9.	296,908	100	13	...	...	...	...	3	1	1
Columbus, Ohio	May 9.	6,719	3	...	...	...	...	...	...	...	...
Council Bluffs, Iowa	May 16.	88,150	19	3	...	...	...	...	1	...	...
Dayton, Ohio	May 9.	21,474	3	1	...	...	...	...	...	...	...
Dayton, Ohio	May 14.	61,220	8	3	...	...	...	...	...	...	...
Dedham, Mass.	May 9.	7,123	1	...	...	...	...	...	...	...	...
Denver, Colo.	do	106,713	7	...	...	...	...	...	...	...	...
Detroit, Mich.	do	205,876	103	7	...	...	...	...	1	1	1
El Paso, Tex.	do	10,338	8	...	...	...	...	...	...	...	...
Everett, Mass.	May 15.	11,068	9	...	...	...	...	...	...	...	...
Fall River, Mass.	May 16.	74,398	40	4	...	...	...	1	...	...	...
Fitchburg, Mass.	do	22,037	11	2	...	...	...	...	...	1	...
Flint, Mich.	May 9.	9,803	5	...	...	...	...	...	...	...	...
Gloucester, Mass.	May 16.	24,651	8	1	...	...	...	...	...	...	...
Grand Rapids, Mich.	do	60,278	14	1	...	...	...	...	...	...	...
Haverhill, Mass.	do	27,412	8	...	...	...	...	...	1	...	...
Hoboken, N. J.	May 9.	43,648	24	2	...	...	...	...	1	...	3
Hornellsville, N. Y.	May 16.	10,996	4	...	...	...	...	...	...	...	...
Ironton, Ohio	do	10,939	5	...	...	...	...	...	...	...	...
Jacksonville, Fla.	do	17,201	16	...	...	...	...	1	...	1	...
Do	May 16.	17,201	18	...	...	...	...	...	...	3	...
Jamesstown, N. Y.	May 9.	16,038	3	...	...	...	...	...	...	...	...
Jersey City, N. J.	May 10.	163,003	73	6	...	...	...	...	3	...	2
Johnstown, Pa.	May 16.	21,805	1	...	...	...	...	...	...	...	...
Kalamazoo, Mich.	do	17,853	11	8	...	...	...	...	1	1	...
Lawrence, Mass.	May 16.	17,853	8	...	...	...	...	...	...	...	...
Leominster, Mass.	May 9.	44,654	21	...	...	...	...	...	...	...	...
Do	May 2.	7,269	2	...	...	...	...	...	1	1	...
Do	May 9.	7,269	4	...	...	...	...	...	1	1	...
Lowell, Mass.	May 16.	7,269	4	...	...	...	...	...	...	...	...
Lynchburg, Va.	do	77,696	27	5	...	...	...	...	1	...	...
McKeesport, Pa.	May 9.	19,709	7	2	...	...	...	...	...	...	...
Manchester, N. H.	May 16.	20,741	12	1	...	...	...	...	...	...	...
Marinette, Wis.	do	44,126	28	...	...	...	...	...	...	...	...
Medford, Mass.	do	11,523	1	...	...	...	...	...	...	...	...
Melrose, Mass.	do	11,079	10	...	...	...	...	...	...	...	...
Melrose, Mass.	do	8,519	5	...	...	...	...	...	...	...	...
Memphis, Tenn.	do	64,495	26	4	...	...	...	...	...	...	...
Middletown, Ohio	May 9.	7,681	2	...	...	...	...	...	...	...	...
Millville, N. J.	May 8.	10,002	1	...	...	...	...	...	...	...	...
Do	May 15.	10,002	2	...	...	...	...	...	...	...	...
Milwaukee, Wis.	May 16.	204,468	58	6	...	...	...	...	...	6	...
Minneapolis, Minn.	May 10.	164,738	44	6	...	...	...	1	...	...	...
Nashville, Tenn.	May 16.	76,168	31	5	...	...	...	...	...	...	...
New Bedford, Mass.	do	40,733	27	6	...	...	...	...	...	...	...
New Brighton, N. Y.	May 9.	16,423	4	1	...	...	...	...	...	...	...
Newburyport, Mass.	do	13,947	8	1	...	...	...	...	...	...	...
New Haven, Conn.	May 14.	81,298	47	6	...	...	...	...	3	...	1
New Orleans, La.	May 7.	242,039	182	18	...	7	...	...	...	...	...
Newport, R. I.	May 16.	19,457	4	...	...	...	...	...	...	...	...
Newton, Mass.	do	24,379	10	...	...	...	...	...	...	...	...

* Estimated population, white, 28,870; colored, 36,295. Total, 65,165. † White, 12; colored, 26.

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Table of temperature and rainfall, week ended May 18, 1896.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hun- dredths.		
	Normal.	*Excess.	*Defic'ney.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.	47	5	.....	.84	.....	.84
Portland, Me.	54	4	.....	.83	.....	.83
Northfield, Vt.	54	2	.....	.70	.....	.70
Boston, Mass.	56	8	.....	.84	.....	.84
Vineyard Haven, Mass.	56	6	.....	.75	.....	.75
Nantucket, Mass.	52	6	.....	.77	.....	.77
Woods Hole, Mass.	53	5	.....	.75	.....	.75
Block Island, R. I.	52	6	.....	.89	.....	.79
New Haven, Conn.	57	9	.....	.84	.....	.84
Albany, N. Y.	60	6	.....	.70	.....	.70
New York, N. Y.	60	8	.....	.70	.....	.60
Harrisburg, Pa.	60	12	.....	1.10	.....	.80
Philadelphia, Pa.	61	13	.....	.70	.....	.40
New Brunswick, N. J.	59	11	.....	.82	.....	.74
Atlantic City, N. J.	57	9	.....	.56	.....	.26
Baltimore, Md.	64	10	.....	.84	.....	.34
Washington, D. C.	64	10	.....	.91	.....	.48
Lynchburg, Va.	64	12	.....	.91	.....	.81
Cape Henry, Va.	64	10	.....	.91	.29	.....
Norfolk, Va.	66	12	.....	.98	.....	.88
Charlotte, N. C.	69	11	.....	.98	.....	.98
Raleigh, N. C.	67	13	.....	1.44	.....	.84
Kittyhawk, N. C.	66	8	.....	.78	.....	.78
Hatteras, N. C.	67	7	.....	1.05	.....	.85
Wilmington, N. C.	70	10	.....	.92	.....	.52
Columbia, S. C.	72	10	.....	.90	.....	.90
Charleston, S. C.	73	7	.....	.90	.....	.90
Augusta, Ga.	73	7	.....	.77	.....	.47
Savannah, Ga.	74	6	.....	.56	.....	.56
Jacksonville, Fla.	75	5	.....	.88	.....	.88
Jupiter, Fla.	76	0	.....	1.34	.....	1.24
Key West, Fla.	80	0	.....	.72	.....	.72
Gulf States:						
Atlanta, Ga.	68	8	.....	.77	.....	.77
Tampa, Fla.	75	3	.....	.64	.....	.54
Pensacola, Fla.	74	2	.....	.71	.....	.11
Mobile, Ala.	74	2	.....	.91	.....	.51
Montgomery, Ala.	73	5	.....	.85	.....	.55
Meridian, Miss.	70	6	.....	1.40	.....	.80
Vicksburg, Miss.	73	3	.....	1.12	.....	.62
New Orleans, La.	75	3	.....	1.05	.....	.75
Shreveport, La.	74	3	.....	.91	.39	.....
Fort Smith, Ark.	69	3	.....	1.05	.55	.....
Little Rock, Ark.	70	4	.....	1.33	.....	.63
Palestine, Tex.	72	4	.....	1.39	.41	.....
Galveston, Tex.	76	2	.....	.85	.....	.85
San Antonio, Tex.	75	5	.....	.72	.....	.72
Corpus Christi, Tex.	76	2	.....	.76	.....	.76
Ohio Valley and Tennessee:						
Memphis, Tenn.	70	6	.....	.99	.....	.09
Nashville, Tenn.	68	8	.....	.74	.....	.44
Chattanooga, Tenn.	68	8	.....	.85	.....	.85
Knoxville, Tenn.	66	8	.....	.84	.....	.24
Louisville, Ky.	66	8	.....	.79	.....	.59
Indianapolis, Ind.	63	7	.....	.91	.....	.41
Cincinnati, Ohio	65	7	.....	.77	.....	.57
Columbus, Ohio	62	10	.....	.98	.....	.48
Parkersburg, W. Va.	64	8	.....	.91	.....	.81
Pittsburg, Pa.	61	11	.....	.77	1.13	.....
Lake Region:						
Oswego, N. Y.	54	4	.....	.63	.....	.53
Rochester, N. Y.	56	8	.....	.77	.....	.43
Buffalo, N. Y.	54	8	.....	.77	.....	.57
Erie, Pa.	56	8	.....	.88	.....	.44
Cleveland, Ohio	57	11	.....	.83	.....	.63
Sandusky, Ohio	59	9	.....	.77	.03	.....
Toledo, Ohio	59	9	.....	.77	.03	.....
Detroit, Mich.	58	10	.....	.79	.01	.....
Lansing, Mich.	57	9	.....	.68	.02	.....
Port Huron, Mich.	52	14	.....	.77	.....	.37
Alpena, Mich.	49	7	.....	.77	.03	.....
Sault Ste. Marie, Mich.	46	8	.....	.49	1.71	.....
Marquette, Mich.	48	8	.....	.67	.43	.....

* The figures in these columns represent the average daily departure.

Table of temperature and rainfall, week ended May 18, 1896—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hun- dredths.		
	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Green Bay, Wis.	53	9	.....	.89	.11	.....
Grand Haven, Mich.	54	10	.....	.77	.....	.27
Milwaukee, Wis.	53	7	.....	.79	.71	.....
Chicago, Ill.	55	11	.....	.84	.....	.04
Duluth, Minn.	48	0	.....	.81	2.09	.....
Upper Mississippi Valley:						
St. Paul, Minn.	57	3	.....	.77	2.63	.....
La Crosse, Wis.	58	6	.....	.74	1.36	.....
Dubuque, Iowa.	59	7	.....	.88	1.92	.....
Davenport, Iowa.	60	6	.....	.98	1.92	.....
Des Moines, Iowa.	61	1	.....	1.05	3.35	.....
Keokuk, Iowa.	62	6	.....	.91	1.89	.....
Springfield, Ill.	62	6	.....	1.15	.....	.25
Cairo, Ill.	67	5	.....	.87	3.13	.....
St. Louis, Mo.	65	7	.....	1.02	.98	.....
Missouri Valley:						
Columbia, Mo.	61	7	.....	1.40	1.90	.....
Springfield, Mo.	68	.....	.....	1.47	1.93	.....
Kansas City, Mo.	64	4	.....	1.05	2.05	.....
Wichita, Kans.	66	2	.....	.89	.41	.....
Concordia, Kans.	62	2	.....	.98	1.02	.....
Lincoln, Nebr.	61	3	.....	1.12	5.08	.....
Omaha, Nebr.	62	2	.....	.98	4.92	.....
Sioux City, Iowa.	60	4	.....	.77	3.53	.....
Yankton, S. Dak.	59	1	.....	.98	.92	.....
Valentine, Nebr.	57	5	.....	.63	.....	.53
Huron, S. Dak.	55	1	.....	.67	.....	.07
Pierre, S. Dak.	57	1	.....	.49	.....	.49
Moorhead, Minn.	53	1	.....	.56	1.94	.....
Bismarck, N. Dak.	51	4	.....	.56	.....	.16
Williston, N. Dak.	54	6	.....	.42	1.48	.....
Rocky Mountain Region:						
Havre, Mont.	53	7	.....	.35	.15	.....
Helena, Mont.	53	13	.....	.34	.....	.04
Miles City, Mont.	56	6	.....	.49	.....	.09
Rapid City, S. Dak.	53	4	.....	.79	.....	.49
Spokane, Wash.	57	11	.....	.30	.30	.....
Walla Walla, Wash.	63	15	.....	.36	.....	.16
Baker City, Oreg.	53	15	.....	.42	.....	.12
Winnemucca, Nev.	53	13	.....	.21	.09	.....
Salt Lake City, Utah.	59	17	.....	.42	.....	.....
Lander, Wyo.	52	12	.....	.65	.....	.65
Cheyenne, Wyo.	51	9	.....	.56	.....	.36
North Platte, Nebr.	58	4	.....	.59	.....	.39
Denver, Colo.	56	8	.....	.70	.40	.....
Pueblo, Colo.	59	7	.....	.43	.67	.....
Dodge City, Kans.	63	1	.....	.72	.....	.62
Oklahoma City, Okla.	67	3	.....	1.31	.86	.....
Abilene, Tex.	72	4	.....	.80	.....	.80
Santa Fe, N. Mex.	56	6	.....	.28	.....	.08
El Paso, Tex.	73	3	.....	.12	.....	.12
Phoenix, Ariz.	74	2	.....	.05	.....	.05
Pacific Coast:						
Tatoosh Island, Wash.	50	.....	.....	.98	.....	.....
Port Angeles, Wash.	51	3	.....	.28	.....	.28
Fort Canby, Wash.	53	5	.....	.67	.03	.....
Astoria, Oreg.	58	10	.....	.63	.57	.....
Portland, Oreg.	60	12	.....	.56	.....	.06
Roseburg, Oreg.	58	12	.....	.42	.....	.02
Eureka, Cal.	54	4	.....	.70	.....	.20
Red Bluff, Cal.	68	10	.....	.30	.....	.20
Carson City, Nev.	55	11	.....	.14	.....	.11
Sacramento, Cal.	65	7	.....	.21	.....	.21
San Francisco, Cal.	58	4	.....	.18	.....	.18
Fresno, Cal.	68	8	.....	.07	.....	.07
Los Angeles, Cal.	63	.....	.....	.08	.....	.08
San Diego, Cal.	62	2	.....	.07	.....	.07
Yuma, Ariz.	78	2	.....	.00	.....	.00

* The figures in these columns represent the average daily departure.

FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

Cholera and yellow fever as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 26, 1895, to May 21, 1896.

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Argentine Republic:	Dec. 21-Dec. 28...	3		From outbreak (August 23, 1895) to date 453 cases, 296 deaths.
Buenos Ayres.....	Nov. 19-Dec. 2...	43	25	
Austria-Hungary	Dec. 10-Dec. 30...	21	11	
	Dec. 31-Jan. 27...	16	11	
Egypt:*	Nov. 6-Nov. 12...	25	22	
Ahmadieh.....	Dec. 23-Jan. 4...	2	1	
Ahu-el-Cheuk.....	Dec. 24-Dec. 31...		1	
Alexandria	Dec. 29-Apr. 26...	130	115	
Arnie.....	Jan. 12-Jan. 14...	7	115	
	Jan. 25.....		2	
Assiout.....	Apr. 16.....	1	1	
Ayat.....	Jan. 15.....	1	3	
Bigalat	Nov. 4-Nov. 13...	7	7	
Bossat.....	Jan. 6-Jan. 9...	2		
Bousrate	Nov. 4-Nov. 22...	36	35	
Borachia	Nov. 20-Dec. 17...	22	34	
Cairo.....	Jan. 2.....	2	2	
	Dec. 7-Dec. 11...	1	2	
	Jan. 10-Jan. 11...	1	1	
	Dec. 30-Dec. 31...	2	2	
Charkieh.....	Jan. 11-Jan. 13...	1	1	
	Nov. 7-Dec. 23...	86	79	
Damietta.....	Nov. 7-Nov. 14...	2	1	
El Darksa.....	Nov. 4-Nov. 11...	7	7	
El Kurdi	Dec. 29.....	1	1	
Esbet el Khurshid.....	Apr. 29.....	1		
	Nov. 7-Nov. 25...	32	29	
Ezbet el Berg.....	Nov. 7-Nov. 13...	5	2	
Ezbet Khalafala Pacha.....	Nov. 14-Dec. 22...	48	39	
Farascoor.....	Dec. 29-Jan. 7...	2	2	
Hehya.....	Dec. 8-Dec. 13...		1	
	Dec. 6-Dec. 24...	22	17	
Kafrel Zoonar.....	Nov. 16-Nov. 20...	4	2	
Kafrel Galallah.....	Dec. 19-Dec. 24...	6	5	
Kolonghil.....	Nov. 6-Nov. 9...	1	1	
Mansurah	Nov. 21-Dec. 17...	1	1	
Matarieh	Dec. 29-Jan. 1...	2	2	
	Nov. 4-Nov. 22...	20	20	
Menzaleh.....	Dec. 8.....	1	1	
Mit Chaddad.....	Nov. 4-Nov. 16...	35	41	
Salamann.....	Jan. 7.....			
San el Hagar.....	Nov. 8-Nov. 18...	10	8	
	Jan. 2-Jan. 3...	1	1	
Sawalem	Jan. 9-Jan. 27...	1	1	
Zarka.....	Jan. 30.....	1	1	
	Dec. 6-Dec. 24...	8	4	
Zagazig.....	Dec. 29-Jan. 8...	6	4	
	Nov. 22-Dec. 18...	6	4	
India:	Jan. 1-Jan. 11...	3	3	
Bombay.....	Jan. 23-Jan. 25...	2	2	
Calcutta.....	Nov. 19-Dec. 24...		15	
	Jan. 14-Feb. 4...		8	
	Feb. 18-Feb. 25...		1	
	Mar. 3-Mar. 31...		18	
	Apr. 2-Apr. 14...		14	
	Nov. 10-Dec. 28...		332	
Japan:	Dec. 24-Jan. 4...		41	
	Jan. 4-Jan. 31...		165	
	Feb. 1-Feb. 29...		200	
	Mar. 1-Apr. 4...		970	
Yokohama	Nov. 8-Nov. 15...	1	1	
Chiba Ken	Jan. 6-Jan. 25...	20	13	
Ibaraki Ken.....	Jan. 24-Feb. 16...	23	16	
Fukuoka Ken.....	Jan. 24-Feb. 3...	3		
	Feb. 12-Feb. 15...		2	
Shimane Ken.....	Feb. 29.....	1		
Tokyo.....	Apr. 18.....	1		
	Apr. 17.....	1		

* To date of December 18, 1895, 1,056 cases of cholera, with 874 deaths, have been reported throughout Egypt.

Cholera and yellow fever, etc.—Continued.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Morocco:				
Casa Blanca.....	Jan. 11.....			Cholera reported.
Mazagan .....	.....do.....			Do.
Stellen.....	Dec. 15.....	13		
Russia:				
Kiev (government).....	Oct. 13-Nov. 11...	156	64	
.....do.....	Nov. 11-Dec. 21...	52	24	
.....do.....	Dec. 22-Jan. 11...	10	5	
.....do.....	Jan. 12-Jan. 25...	12	14	
.....do.....	Feb. 8-Dec. 7...	17	6	
Orlov.....	.....do.....	17	6	
Orel (government).....	Nov. 16-Dec. 1...	85	31	Cholera.
St. Petersburg.....	Dec. 1-Dec. 28...	275	178	Do.
.....do.....	Dec. 28-Jan. 11...	79	43	
.....do.....	Jan. 25-Feb. 15...	15	13	
.....do.....	Feb. 22-Mar. 7...		2	
.....do.....	Mar. 14-Mar. 21...	1		
.....do.....	Nov. 17-Dec. 7...	21		
.....do.....	Dec. 8-Dec. 28...	27	11	
.....do.....	Dec. 29-Jan. 11...	8	8	
.....do.....	Jan. 12-Jan. 25...	3		
.....do.....	Feb. 1-Feb. 8...	2		
Volhynia (government).....	Oct. 13-Nov. 10...	2,297	952	
.....do.....	Nov. 10-Nov. 30...	609	294	
.....do.....	Dec. 1-Dec. 14...	104	55	
.....do.....	Dec. 14-Dec. 28...	24	12	
.....do.....	Dec. 29-Jan. 11...		1	
Turkey:				
Constantinople.....	Dec. 17-Jan. 15...	3	3	Reports dated January 21, 1896, state "about 1 death per week."
Brena.....	Jan. 17.....			Cholera reported.
Bitlis and Seirt.....	Jan. 18-Jan. 20...	11	7	
Diarbekir.....	Jan. 16.....			Cholera reported in 3 localities.
Gazran.....	Dec. 21-Jan. 14...	67	42	

YELLOW FEVER.

Brazil:				
Ceara	Nov. 30.....	1	1	
.....do.....	Dec. 24-Dec. 31...		4	
Rio de Janeiro.....	Nov. 9-Nov. 30...		43	
.....do.....	Dec. 1-Dec. 28...		136	
.....do.....	Dec. 28-Jan. 11...		190	
.....do.....	Jan. 11-Feb. 1...		382	
.....do.....	Feb. 1-Feb. 8...		111	
.....do.....	Feb. 8-Feb. 29...		594	
.....do.....	Mar. 1-Mar. 14...		468	
.....do.....	Mar. 14-Mar. 28...		459	
.....do.....	Mar. 28-Apr. 11...		305	
.....do.....	Apr. 11-Apr. 18...	122	98	
.....do.....	Apr. 21.....			Yellow fever reported.
Niteroy.....	Nov. 1-Nov. 15...	8		
Pernambuco.....	Mar. 31.....			Do.
Bahia.....	.....do.....			Do.
Sao Paulo.....	Jan. 1-Jan. 31...	5	3	
.....do.....	Apr. 4.....			Do.
Araraquara .....	.....do.....			Do.
Belem.....	.....do.....			Do.
Bicas.....	.....do.....			Do.
Barrado Pirahy.....	.....do.....			Do.
Campinas.....	Apr. 7.....	115		
Descalvado.....	Apr. 4.....			Do.
Dores de Pirahy.....	Apr. 11.....			Do.
Iahu.....	Apr. 4.....			Do.
Iaboticabal.....	.....do.....			Do.
Limeira.....	.....do.....			Do.
Leopoldina.....	Apr. 11.....			Do.
Parahybuna.....	Apr. 4.....			Do.
Porto Novo.....	Apr. 11.....			Do.
Sao Carlos de Pinhal.....	Apr. 4.....			Do.
San Jose Nepomuceno.....	.....do.....			Do.
Santos.....	.....do.....			Do.
Parahyba do Sul Valence.....	.....do.....			Do.
Rio Claro.....	.....do.....			Do.
Sorocaba.....	.....do.....			Do.
Uba.....	Apr. 11.....			Do.
Valencia.....	Apr. 4.....			Do.
Vassouras.....	.....do.....			Do.
Volta Grande .....	.....do.....			Do.

Cholera and yellow fever, etc.—Continued.

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Cuba:				
Cienfuegos.....	Dec. 8-Dec. 22.....	2		
	Dec. 29-Jan. 19.....	5		
	Feb. 16-Feb. 23.....	1		
	Apr. 19-May 3.....	1	1	
Habana.....	Nov. 28-Dec. 19.....	40	14	
	Dec. 26-Jan. 2.....	7	3	
	Jan. 2-Mar. 28.....	40	14	
	Apr. 2-Apr. 30.....	30	13	
	May 1-May 14.....	28	15	
Manzanillo.....	Mar. 15-Mar. 31.....	2		
Santiago.....	Dec. 7-Dec. 21.....	29		
	Dec. 21-Dec. 28.....	12		
	Dec. 28-Jan. 4.....	15		
	Jan. 4-Feb. 15.....	47		
	Feb. 22-Feb. 29.....	15		
	Mar. 1-Apr. 4.....	20		
	Apr. 4-May 9.....	14		
Sagua la Grande.....	Dec. 1-Dec. 21.....	43	3	
	Dec. 25-Jan. 25.....	31	6	
	Feb. 1-Feb. 15.....	8		
	Mar. 13-Mar. 20.....	5		
	Apr. 4-Apr. 11.....	3		
Mexico:				
Tuxpan.....	Jan. 11-Jan. 25.....	4		
Peru:				
Callao.....	Apr. 5.....	2	2	On vessels from Guayaquil.
Puerto Rico:				
San Juan.....	Nov. 29-Dec. 20.....	63	23	
	Dec. 20-Jan. 17.....	104	24	

Current quarantine measures.

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, April 29, 1896.]

CHOLERA.

TURKEY.—Passenger vessels arriving from Alexandria are subject, since April 9, to forty-eight hours' quarantine of observation with disinfection.

SPAIN.—By royal order of April 13 quarantine is ordered for arrivals from Diu (Portuguese-Indies). All ports situated not more than 165 kilometers in a straight line from Diu are declared suspect.

EGYPT.—The note attached to ships' bills given at Alexandria was amended, April 7, to read as follows: "Cholera cases are authentically reported at Alexandria."

YELLOW FEVER.

DANISH ANTILLES.—According to official advices of April 21, arrivals from Rio de Janeiro are, in view of the epidemic of yellow fever there prevailing and also of the existence there of other infectious diseases, declared subject to fifteen days' quarantine.

CHOLERA NOTES.

EGYPT.—Cholera cases began to occur again in Alexandria early in April. From April 1 to 15, 10 cases and 33 deaths were reported.

EAST INDIES—Calcutta.—From March 15 to 21 there were 173 deaths from cholera.

BRAZIL.

Sanitary report from Rio de Janeiro.

RIO DE JANEIRO, April 21, 1896.

SIR: I have the honor to transmit report for the week ended April 18, 1896.

There were 14 deaths from *acesso pernicioso*, a decrease of 16; 98 from yellow fever, a decrease of 39; none from smallpox, 4 in the foregoing week; 19 from beriberi, an increase of 12; 3 from enteric fever, a decrease of 8; 52 from tuberculosis, an increase of 11; and 1 from whooping cough, none in the foregoing week. From all causes there were 471 deaths, a decrease of 54.

Yellow fever.—This disease, as usual, is steadily declining with the lower temperature, the only successful means we have here for ameliorating the epidemic. I have no news this week from the infected districts in the interior; only it appears that the fever has prevailed to some extent in Nitheroy, on the other side of the bay.

Smallpox.—This is the first week we have had for a long time without one death from this disease, though 8 new cases have been reported. The authorities are calling on the people to be vaccinated and revaccinated, as fearing a renewal of the epidemic, but all opinions on this subject are really only conjecture. On the whole, there is a decided improvement in the health of the town this week.

Since last week the following-named ships have been inspected or received bills of health from this office: April 14, steamship *Parahyba*, French, from Santos for New Orleans, La.; April 18, steamship *Words-worth*, Belgian, for New York, N. Y.; April 20, steamship *Roman Prince*, from Santos for New York, N. Y.

Respectfully yours,

R. CLEARY, M. D.,
Sanitary Inspector, U. S. M. H. S.

CUBA.

Sanitary reports of Santiago—Smallpox increasing in Santiago and Manzanillo.

SANTIAGO DE CUBA, May 2, 1896.

SIR: I have the honor to inform you that after some heavy rain falls and higher rise in the temperature the public health in this city has become worse and the death rate higher, the records showing a total of 69 deaths for the week ended May 2. Of these, 4 were from yellow fever, 4 from smallpox, 8 from typhomalarial fever, 10 from tuberculosis, 7 from remittent fever, 5 from entero-colitis, the rest from noncontagious diseases. There are 64 cases of smallpox under treatment at the smallpox hospital, but I am unable to state the number of cases in the town, owing to the unwillingness of the people to report their sick cases for fear of their being taken to the pesthouse.

Yellow fever still continues to rage among the unacclimated inhabitants, and the number of cases increases daily as the temperature becomes higher.

Malarial fevers of low type are very common; so are intestinal diseases, such as summer diarrhea and dysentery.

As you will see by the number of deaths this week, the mortality is higher than it ever was, taking into account the decrease of the popula-

tion at present, owing to emigration of the inhabitants to South America, Mexico, and St. Domingo, compared with the mortality of some of your cities equal to ours in the number of inhabitants, such as Springfield, Mass., Utica, N. Y., etc., where the death rate is about 1 for every 3,000 inhabitants per week. In Santiago it has reached up to 4½ this week.

I have just received a report from Manzanillo, stating that there were 58 deaths during the last two weeks of April, of which 32 were from smallpox.

The following vessels were examined and bills of health issued to them: April 28, Spanish steamship *Habana*, for New York, and British steamship *Aeon*, for Philadelphia; April 29, British steamship *Earnwood*, for Philadelphia; May 1, British steamship *Mameluke*, for Philadelphia.

Respectfully,

HENRY S. CAMINERO, M. D.,

Sanitary Inspector, U. S. M. H. S.

SANTIAGO DE CUBA, May 9, 1896.

SIR: I have the honor of submitting the following report on the sanitary condition of Santiago for the week ended May 9: Forty-six deaths have been reported, of which 2 were from smallpox, 1 from yellow fever, 6 from tuberculosis, 3 from typhomalarial fever, 8 from enteritis, 2 from dysentery, 4 from pernicious fever, and the rest from common diseases of noncontagious character.

Smallpox is increasing to an alarming degree, 65 cases being under treatment at the smallpox hospital and several others at their respective homes. Yellow fever seems stationary at present, but new cases will undoubtedly appear as soon as the summer approaches.

Malarial and enteric fevers are very common; so is dysentery of malarial origin. Remittent fevers of the typhomalarial type prevail to a great extent. The temperature is very high and dry, as the rainy season has not quite set in.

The following vessels have been inspected and bills of health issued to them: May 4, steamship *Para* (British), for Fernandina, Fla., May 5, steamship *Apex* (British), for Baltimore, and steamship *Glemaves Wallace* (British), for Philadelphia. May 7, schooner *Florence and Lillian* (American), for Pascagoula; steamship *Earnwall* (British), for Philadelphia, and May 8, steamship *Sagamore* (Belgian), for Philadelphia; May 9, steamship *William Anning* (British), for Baltimore, and steamship *Niagara* (American), visa New York.

Respectfully,

HENRY S. CAMINERO, M. D.,

Sanitary Inspector, U. S. M. H. S.

ITALY.

Decrease in the prevalence of malarial fevers in Rome.

The following report on the decrease in prevalence of malarial fevers in Rome has been received from Wallace S. Jones, United States consul-general in that city:

ROME, ITALY, April 27, 1896.

Vital statistics recently published by the municipality of Rome show the number of deaths from malaria for the last fourteen years to have been: 650 in 1881; 505 in 1882; 488 in 1883; 389 in 1884; 405 in 1885; 355 in 1886; 374 in 1887; 367 in 1888; 342 in 1889; 300 in 1890; 254 in 1891; 139 in 1892; 189 in 1893; 140 in 1894.

We see that from 1881 to 1894 the number of deaths produced by malignant fevers fell from 650 to 140, while the population increased from 300,000 to 463,700 inhabitants.

It should be further stated that for the last few years these cases of fever did not, properly speaking, occur within the city limits, but that the fever-stricken patients were brought in from the Roman Campagna.

This improvement of the sanitary condition is due more especially to the opening of broad thoroughfares, to the construction of new quarters of the city, and to general cleanliness. The falling off of infectious diseases has been very noticeable for the last ten years; the mortality of Rome is now no greater than in other capitals, and the "Roman fever" need no longer alarm travelers.

JAPAN.

One case of cholera in Japan.

YOKOHAMA, April 25, 1896.

SIR: I have the honor to report the occurrence of 1 case of cholera in the ken of Shimane on April 19. With reference to such single cases, I would say that they are reported by the home department only after verification by bacteriological examination whenever circumstances permit of it.

I am, sir, very respectfully,

STUART ELDREDGE, M. D.,
Sanitary Inspector, U. S. M. H. S.,

FRANCE.

No cholera in Marseilles.

In response to a cablegram from this office requesting information concerning press reports of cholera in Marseilles, the following reply has been received:

MARSEILLES, May 19, 1896.

No cholera.—CLAUDE M. THOMAS, *United States Consul.*

TURKEY.

Sanitary report from Constantinople.

[Report No. 151.]

CONSTANTINOPLE, April 29, 1896.

SIR: The prevailing diseases in Constantinople are influenza and diphtheria, and many cases of both diseases occur, but I am glad to state that they seldom prove fatal.

News from the provinces of Asia Minor states that different epidemics exist there, as smallpox, typhus (spotted fever), typhoid fever, and dysentery.

Cholera is still making a few victims in Alexandria, Egypt. Two or three cholera deaths are daily registered. A cholera case has been observed at Esbet-el-Khurshid, 12 miles distant from Alexandria.

Pilgrims are already arriving in the Hedjaz. Up to the date of the last news received from Jeddah, 37,600 pilgrims have already landed there.

SPIRIDION C. ZAVITZIANO.

STATISTICAL REPORTS.

AUSTRALIA—*New South Wales—Newcastle*.—Month of March, 1896. Estimated population, 15,329. Total deaths, 27, including enteric fever, 4; scarlet fever, 2, and diphtheria, 1.

Sydney.—Month of March, 1896. Estimated population, 408,500. Total deaths, 475, including enteric fever, 20; scarlet fever, 1, and diphtheria, 1.

BAHAMAS—*Green Turtle Cay—Abaco*.—Two weeks ended May 7, 1896. Estimated population, 3,900. No deaths.

BERMUDA.—Week ended May 8, 1896. Estimated population, 15,013. Total deaths, 2. No deaths from contagious diseases.

BRITISH COLUMBIA—*Victoria*.—Month of April, 1896. Estimated population, 20,000. Total deaths, 16. No deaths reported from contagious diseases.

CUBA—*Habana*.—Under date of May 16, 1896, the United States sanitary inspector reports as follows:

There were 159 deaths in this city during the week ended May 14, 1896. Nine of these deaths were caused by yellow fever, with 15 new cases approximately; 4 were caused by enteric fever, 8 by so-called pernicious fever, 1 by paludal fever, 1 by dysentery, 17 by enteritis, 6 by smallpox, 2 by measles, 2 by grippe, 27 by tuberculosis, and 2 by pneumonia.

The 9 deaths by yellow fever during the week all occurred among the soldiers in the military hospital.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns of England and Wales during the week ended May 2 correspond to an annual rate of 18.4 a thousand of the aggregate population, which is estimated at 10,860,971. The lowest rate was recorded in Bumley, viz., 8.6, and the highest in Salford, viz., 28.7 a thousand.

London.—One thousand five hundred and seventy deaths were registered during the week, including measles, 152; scarlet fever, 10; diphtheria, 36; whooping cough, 114; enteric fever, 10; diarrhea and dysentery, 12, and smallpox, 2. The deaths from all causes correspond to an annual rate of 18.5 a thousand. In greater London 1,949 deaths were registered, corresponding to an annual rate of 16.5 a thousand of the population. In the "outer ring" the deaths included smallpox, 1, 8 from diphtheria, 33 from measles, 5 from scarlet fever, and 30 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended May 2 in the 16 principal town districts of Ireland was 23 a thousand of the population. The lowest rate was recorded in Armagh, viz., 0.0, and the highest in Lurgan, viz., 31.9 a thousand. In Dublin and suburbs 159 deaths were registered, including scarlet fever, 6; enteric fever, 1, and whooping cough, 2.

Scotland.—The deaths registered in 8 principal towns during the week ended May 2 correspond to an annual rate of 19 a thousand of the

population, which is estimated at 1,518,347. The lowest mortality was recorded in Leith, viz, 11.9, and the highest in Paisley, viz, 22.8 a thousand. The aggregate number of deaths registered from all causes was 556, including measles, 11; scarlet fever, 6; diphtheria, 2, and whooping cough, 30.

JAMAICA—*Kingston*.—Month of April, 1896. Estimated population, 34,314. Total deaths, 127, including phthisis pulmonalis, 9; enteric fever, 3, and measles, 5.

RUSSIA—*Riga*.—Month of February, 1896. Estimated population, 225,000. Total deaths, 413, including phthisis pulmonalis, 56; enteric fever, 3; scarlet fever, 21; whooping cough, 9; croup, 2; diphtheria, 9, and measles, 2.

MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Aix la Chapelle.....	Apr. 25.....	110,968	32								
Alexandria.....	Apr. 15.....	231,396	170	15					1	1	1
Amapala.....	Apr. 4.....	1,500	0								
Do.....	Apr. 11.....	1,500	0								
Do.....	Apr. 18.....	1,500	0								
Do.....	Apr. 25.....	1,500	0								
Amherstburg.....	May 9.....	2,300	0								
Amsterdam.....	May 3.....	456,302	170					1	1	4	5
Antigua.....	Apr. 18.....	16,679	8								
Belfast.....	Apr. 25.....	16,679	7								
Belleville.....	May 2.....	277,354	136					2	6	3	3
Birmingham.....	May 11.....	10,318	4					1			
Bologna.....	May 2.....	496,751	170					1	2	4	1
Bradford.....	do.....	149,129	63								9
Bremen.....	do.....	221,610	60								6
Bristol.....	Apr. 25.....	142,000	41								2
Brussels.....	May 2.....	230,623	73					2	1		1
Cairo.....	Apr. 25.....	507,985	196					1	1		6
Callao.....	Apr. 5.....	374,838	339					1	6		2
Do.....	Apr. 12.....	25,000	33					1			1
Cardenas.....	May 2.....	23,817	14								
Do.....	May 11.....	23,817	13								
Do.....	May 18.....	23,817	16								
Do.....	May 25.....	23,817	12								
Cardiff.....	May 2.....	162,690	44								3
Catania.....	Apr. 28.....	120,000	75					3	3	1	
Ceiba.....	May 10.....	3,500	0								
Chatham.....	May 9.....	9,052	2								
Christiania.....	Apr. 25.....	180,000	61								3
Do.....	May 2.....	180,000	52								1
Cienfuegos.....	May 10.....	24,030	36		17		1				2
Coaticook.....	May 9.....	2,500	0								
Cologne.....	Apr. 25.....	324,329	160					1	11	2	
Columbo.....	Apr. 4.....	130,000	87				1				
Copenhagen.....	Apr. 18.....	333,714	100					1	2		1
Crefeld.....	May 2.....	107,238	45						2	1	
Dresden.....	Apr. 25.....	335,570	117					1	1	2	4
Dublin.....	May 2.....	350,000	159					1	3		
Edinburgh.....	do.....	276,514	94					2	1		4
Flushing.....	do.....	16,200	3								
Frankfort on the Main.....	do.....	231,000	72								1
Funchal.....	Apr. 25.....	35,665	23					3	2		
Genoa.....	May 2.....	182,662	92		1	1					
Gibraltar.....	Apr. 26.....	25,800	9								
Girgenti.....	Apr. 25.....	24,428	5								
Glasgow.....	May 2.....	705,052	258				2	3		8	14
Gothenburg.....	Apr. 18.....	111,234	35				1				
Do.....	Apr. 25.....	111,234	42				3	1			1
Guayaquil.....	Apr. 24.....	50,000	81		4	40				1	7
Halifax.....	May 9.....	38,700	19								
Hamburg.....	May 2.....	625,552	204					1	5	2	
Hongkong.....	Apr. 11.....	232,662	(*)								
Honolulu.....	do.....	28,000	15								3
Do.....	Apr. 25.....	28,000	19								
Kingston, Canada.....	May 8.....	17,955	13								
Do.....	May 15.....	17,955	2								
Konigsberg.....	May 2.....	171,700						1		3	
Leeds.....	do.....	395,546	136					1		3	2
Leghorn.....	May 3.....	103,434	44								
Leith.....	May 2.....	74,110	17								
Licata.....	Apr. 25.....	20,000	13								
Liége.....	May 2.....	160,848	41					3		1	
Liverpool.....	do.....	641,063	236					5	2	4	5
London, Canada.....	May 9.....	34,429	5								
London, England.....	May 2.....	6,150,500	1,949		3	14	15	44	185	144	
Lyons.....	Apr. 25.....	500,000	171					1	1	2	4
Madrid.....	Apr. 28.....	482,816			11	7	3	8	7		
Manchester.....	May 2.....	531,697	264					2	3	3	19
Manila.....	Mar. 21.....	400,000	168								
Do.....	Mar. 28.....	400,000	175								
Mannheim.....	Apr. 25.....	88,400	25								
Matamoras.....	May 8.....	8,000	7								1
Mayence.....	May 2.....	74,917	31								1

* 61 deaths from plague.

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
MOSCOW.....	Apr. 25.....	800,000	553	.....	1	6	1	13	13	8	3
Munich.....	do.....	406,000	190	.....	.....	.....	.....	7	3	1	1
Nuremberg.....	Apr. 18.....	163,012	72	.....	.....	.....	4	2	2	1	1
Odessa.....	Apr. 25.....	353,000	177	.....	.....	.....	1	1	1	1	1
Palermo.....	do.....	273,000	140	.....	.....	.....	5	4	16	12	8
Paris.....	May 2.....	2,511,955	985	.....	.....	.....	.....	.....	.....	.....	.....
Plymouth.....	do.....	89,686	33	.....	.....	.....	.....	.....	.....	.....	.....
Port au Prince.....	Apr. 20.....	60,000	15	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 27.....	60,000	25	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 4.....	60,000	15	.....	.....	.....	.....	1	4	2	3
Prague.....	Apr. 25.....	198,017	115	.....	.....	.....	.....	.....	.....	.....	.....
Puerto Cortez.....	May 6.....	1,856	0	.....	.....	.....	.....	.....	.....	.....	.....
Queenstown.....	Apr. 18.....	15,000	6	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 25.....	15,000	7	.....	.....	.....	.....	.....	.....	.....	.....
Rio de Janeiro.....	Apr. 18.....	650,000	471	98	.....	.....	3	.....	.....	.....	1
Rome.....	Mar. 7.....	471,801	220	.....	.....	.....	.....	.....	1	10	.....
Do.....	Mar. 14.....	471,801	*197	.....	.....	.....	.....	1	1	6	.....
Rotterdam.....	May 2.....	276,338	98	.....	.....	.....	.....	.....	.....	.....	.....
Sagua la Grande.....	do.....	17,536	12	.....	.....	.....	.....	.....	.....	.....	.....
St. Georges.....	do.....	2,150	2	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 9.....	2,150	0	.....	.....	.....	.....	.....	.....	.....	.....
St. Petersburg.....	Apr. 25.....	954,400	753	.....	11	3	39	29	15	28	5
St. Stephens.....	May 9.....	3,000	1	.....	.....	.....	.....	.....	.....	.....	.....
St. Thomas.....	Apr. 17.....	12,019	7	.....	.....	.....	.....	.....	.....	.....	.....
Schiedam.....	Apr. 24.....	12,019	4	.....	.....	.....	.....	.....	.....	.....	.....
Schiedam.....	May 2.....	26,233	10	.....	.....	.....	.....	.....	.....	.....	.....
Sonneberg.....	Apr. 19.....	12,150	3	.....	.....	.....	.....	.....	.....	.....	.....
Southampton.....	May 2.....	94,093	25	.....	.....	.....	.....	1	.....	.....	.....
Stettin.....	Apr. 25.....	140,000	48	.....	.....	.....	.....	22	1	.....	.....
Stockholm.....	do.....	267,100	83	.....	.....	.....	.....	.....	.....	1	6
Stuttgart.....	Apr. 30.....	158,378	57	.....	.....	.....	.....	.....	3	1	1
Swansea.....	May 2.....	98,250	50	.....	.....	.....	.....	1	1	.....	2
Tegucigalpa.....	Apr. 25.....	12,000	5	.....	.....	.....	.....	.....	.....	.....	.....
Trapani.....	do.....	43,095	14	.....	.....	.....	.....	.....	.....	.....	.....
Trieste.....	Apr. 18.....	158,314	78	.....	.....	.....	.....	4	3	.....	.....
Tuxpan.....	Apr. 26.....	10,280	14	.....	.....	.....	7	.....	.....	.....	1
Venice.....	Apr. 25.....	161,630	99	.....	.....	.....	.....	.....	.....	2	2
Vera Cruz.....	Apr. 16.....	27,065	33	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 7.....	27,065	28	.....	.....	.....	.....	1	1	.....	.....
Warsaw.....	Apr. 18.....	553,643	228	.....	1	1	1	6	4	2	12
Do.....	Apr. 25.....	553,643	214	.....	.....	.....	.....	1	.....	.....	.....
Yokohama.....	Apr. 10.....	126,685	.....	.....	.....	.....	.....	1	1	.....	.....
Zurich.....	Apr. 26.....	142,000	53	.....	.....	.....	.....	1	.....	.....	.....

*1 death from leprosy.

By authority of the Secretary of the Treasury:

WALTER WYMAN,
Supervising Surgeon-General U. S. Marine-Hospital Service.